

WHAT IS CLAIMED IS:

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- 5 1. A method of processing customer's orders comprising the steps of:
- (a) storing setting data every article;
  - (b) inputting ordered articles and storing order data of said ordered articles;
  - (c) predicting quantities of said articles to be prepared in accordance with said stored order data in response to a command signal; and
  - (d) displaying said quantities every said articles in accordance with said setting data in response to said command signal.
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- 15 2. A method as claimed in claim 1, wherein said step (a) further comprises the step of inputting said setting data every article so as to be stored.
- 20 3. A method as claimed in claim 1, further comprising the steps of:
- (e) storing peak time zone data;
  - (f) detecting the present time; and
  - (g) judging whether the present time is within a peak time zone in accordance with said stored peak time zone data to generate said command signal.
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4. A method as claimed in claim 3, wherein said step of storing peak time zone data further comprising the step of inputting said peak time zone data so as to be stored.

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5. A method as claimed in claim 1, further comprising the step of:

providing a push switch responsive to an operator for generating said command signal.

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6. A method as claimed in claim 1, further comprising the step of:

providing a rotary switch for generating said command signal.

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7. A method as claimed in claim 3, further comprising the steps of:

storing a predetermined number;

detecting the number of customers from said order

20 data; and

predicting said peak time zone in accordance with the predetermined number and the detected number of customers in accordance with said predicted peak time zone to generate said peak time zone data so as to be stored in step (e).

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8. A method as claimed in claim 7, wherein said step of storing said predetermined number further comprising the step of inputting and storing said predetermined number.

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9. A method as claimed in claim 3, wherein in said step (e), weekday peak time zone data and holiday peak time zone data is stored as said peak time zone data, said method further comprising the steps of:

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detecting the present date; and

judging whether the present date is a weekday or a holiday, wherein in step (g), said command signal is generated in accordance with said stored weekday peak time zone data, said stored holiday peak time zone, said present  
15 time, and the present date.

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10. A method as claimed in claim 9, wherein said step (e) further comprising the step of inputting said weekday peak time zone data and holiday peak time zone data so as to be  
20 stored.

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11. A method as claimed in claim 1, further comprising the steps of:

storing a reference number;

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detecting the number of customers; and

judging whether it is in a peak time condition in  
accordance with said reference number and the detected  
number of customers to generate said command signal when  
the detected number of customers exceeds said predetermined  
5 number.

12. A method as claimed in claim 1, further comprising the  
steps of:

transmitting said command;  
10 receiving said command to generate said command  
signal.

13. A method as claimed in claim 12, further comprising  
the steps of:

15 inputting said command so as to be transmitted.

14. A method as claimed in claim 1, further comprising the  
steps of:

storing predetermined number;  
20 detecting the number of said ordered articles in a  
pending condition in response to said order data and a  
prepared command signal; and

judging whether it is in a peak time condition in  
accordance with said predetermined number and the detected  
25 number of said ordered articles in said pending condition

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to generate said command signal when the detected number of said ordered articles in said pending condition exceeds said predetermined number.

- 5 15. A method as claimed in claim 14, wherein said step of storing said predetermined number further comprising the step of inputting said predetermined number.

- 10 16. A customer's order processing apparatus comprising:  
storing means for storing setting data every article;  
inputting means for inputting ordered articles and storing order data of said ordered articles;  
predicting means for predicting quantities of said articles to be prepared in accordance with said stored  
15 order data in response to a command signal; and  
display means for displaying said quantities every said articles in accordance with said setting data in response to said command signal.

- 20 17. A customer's order processing apparatus as claimed in claim 16, wherein said storing means comprises setting data inputting means for inputting said setting data every article to store said inputted setting data in said storing means.

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18. A customer's order processing apparatus as claimed in claim 16, further comprising:

peak time zone data storing means for storing peak time zone data;

5 detecting means for detecting the present time; and

judging means for judging whether the present time is within a peak time zone to generate said command signal in accordance with said stored peak time zone data and said present time.

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19. A customer's order processing apparatus as claimed in claim 18, wherein said peak time zone data storing means comprises peak time zone inputting means for inputting said peak time zone data.

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20. A customer's order processing apparatus as claimed in claim 16, further comprising:

a push switch responsive to an operator for generating said command signal.

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21. A customer's order processing apparatus as claim 16, further comprising:

a rotary switch for generating ss claimed in

25 22. A customer's order process

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claim 18, further comprising:

predetermined number storing means for storing a predetermined number;

the-number-of-customer detecting means for detecting  
5 the number of customers from said order data; and

peak time zone predicting means for predicting said  
peak time zone in accordance with the predetermined number  
and the detected number of customers to generate said peak  
time zone data to be stored in said peak time zone data  
10 storing means, wherein said judging means generates said  
command signal in accordance with said stored predicted  
peak time zone data and said present time.

23. A customer's order processing apparatus as claimed in  
15 claim 22, further comprising predetermined number inputting  
means for inputting said predetermined number so as to be  
stored in said predetermined number storing means.

24. A customer's order processing apparatus as claimed in  
20 claim 18, wherein said peak time zone data storing means  
stores weekday peak time zone data and holiday peak time  
zone data as said peak time zone data, said customer's  
order processing apparatus further comprising present date  
detecting means for detecting the present date and judging  
25 whether the present date is a weekday or a holiday, wherein

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said judging means generates said command signal in accordance with said stored weekday peak time zone data, said stored holiday peak time zone, said present time, and the present date.

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25. A customer's order processing apparatus as claimed in claim 24, further comprising data inputting means for inputting said weekday peak time zone data and holiday peak time zone data.

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26. A customer's order processing apparatus as claimed in claim 16, further comprising:

reference number storing means for storing a reference number;

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the-number-of-customer detecting means for detecting the number of customers; and

judging means for judging whether it is in a peak time condition in accordance with said reference number and the detected number of customers to generate said command signal when the detected number of customers exceeds said predetermined number.

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27. A customer's order processing apparatus as claimed in claim 16, further comprising:

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transmitting means for transmitting said command;

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and

receiving means for receiving said command to  
generate said command signal.

- 5 28. A customer's order processing apparatus as claimed in  
claim 27, further comprising:

command inputting means for inputting said command  
so as to be transmitted.

- 10 29. A customer's order processing apparatus as claimed in  
claim 16, further comprising:

predetermined number storing means for storing  
predetermined number;

- 15 the-number-of-ordered-article detecting means for  
detecting the number of said ordered articles in a pending  
condition in response to said order data and a prepared  
command signal; and

- 20 peak time condition judging means for judging  
whether it is in a peak time condition in accordance with  
said predetermined number and the detected number of said  
ordered articles in said pending condition to generate said  
command signal when the detected number of said ordered  
articles in said pending condition exceeds said  
predetermined number.

30. A customer's order processing apparatus as claimed in claim 29, further comprising inputting means for inputting said predetermined number.

- 5 31. A method of processing customer's orders comprising the steps of:
- (a) inputting and storing data of articles in accordance with orders by customers;
  - (b) predicting quantities of said ordered articles  
10 to be prepared in accordance with said stored data of articles in response to a command signal; and
  - (c) displaying said quantities every said articles  
in accordance with said setting data in response to said  
command signal.

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